

WHAT IS CLAIMED IS:

1. An order taking apparatus for receiving orders
for articles from a plurality of order making
terminals, comprising:

5 information processing means for setting order
taking conditions for a date of delivery and changing
said order taking conditions in accordance with order
statuses from said plurality of order making terminals;
and

10 communicating means for communicating information
with said order making terminals.

2. An apparatus according to claim 1, wherein said
information processing means changes the order taking
15 conditions for said date of delivery to order taking
conditions which are advantageous to a customer in
order to concentrate dates of delivery of the articles.

3. An apparatus according to claim 2, wherein when
20 the order taking conditions are changed, said
communicating means transmits said changed order taking
conditions to a terminal apparatus of a customer who
made the order under the order taking conditions
obtained before the change.

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4. An apparatus according to claim 1, wherein said
information processing means forms delivery work

schedule information for delivering said articles in accordance with said order statuses.

5. An order taking apparatus for receiving orders
5 for articles from a plurality of order making terminals, comprising:

storage means for storing order taking conditions regarding the orders for the articles;

10 communicating means for communicating information with said order making terminals through a predetermined communication line; and

15 information processing means for changing the order taking conditions stored in said storage means in accordance with order statuses received from said plurality of order making terminals by said communicating means,

wherein said order taking conditions correspond to allocation dates of vehicles responsive to the orders for said articles.

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6. An apparatus according to claim 5, wherein the order for said articles is a delivery of a predetermined article or a request for collection of expendable supplies for recycling which are used for said articles.

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7. An apparatus according to claim 5, wherein said

articles are used items and the order for said articles is a request for collection of said used items for recycling.

5 8. An apparatus according to claim 5, wherein said information processing means changes said order taking conditions on the basis of the number of said articles or expendable supplies which can be carried in a vehicle for delivering the articles or collecting said 10 expendable supplies of said articles for recycling.

9. An apparatus according to claim 5, wherein said information processing means forms and/or changes the order taking conditions with respect to each of said 15 plurality of terminals.

10. An apparatus according to claim 9, wherein said communicating means notifies only the order making terminal which ordered the articles before the order 20 taking conditions are changed of a fact that said order taking conditions were changed.

11. An apparatus according to claim 8, wherein as 25 said order taking conditions, an order taking quantity based on a carrying capacity of said vehicle has been predetermined before the start of the order taking, and the order taking is closed in accordance with the order

taking conditions.

12. An apparatus according to claim 6, wherein said
expendable supplies include toner, a toner cartridge,
5 expendable parts, and ink, and said expendable parts
include at least a photosensitive drum and a
photosensitive unit.

13. An order taking apparatus which can perform a
10 bidirectional communication with a terminal apparatus
through a predetermined communication line, comprising:

communicating means for transmitting collecting
request conditions for allocation dates of vehicles for
collecting expendable supplies for recycling which are
15 used for an image forming apparatus to said terminal
apparatus; and

information processing means for computing said
collecting request conditions in accordance with
request information of said expendable supplies which
20 is requested from said terminal apparatus through said
predetermined communication line.

14. An apparatus according to claim 13, further
comprising storage means for storing area information
25 for managing every area the collecting requests for
recycling requested from a plurality of terminal
apparatuses, and

wherein said information processing means computes said collecting request conditions on the basis of said area information stored in said storage means.

5 15. An apparatus according to claim 14, wherein
said area information is transmitted from an
information processing apparatus which is used by a
deliverer for running said vehicles.

10 16. An apparatus according to claim 13, wherein
said communicating means transmits the collecting
request conditions which are changed by said
information processing means in accordance with
collecting requests for recycling from a plurality of
15 terminal apparatuses to said plurality of terminal
apparatuses according to area information.

20 17. An apparatus according to claim 13, wherein
said collecting request conditions are privilege
information for said terminal apparatus.

18. An order taking method of receiving orders for
articles from a plurality of order making terminals,
comprising the steps of:
25 setting order taking conditions for a date of
delivery;
 changing said order taking conditions in

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accordance with order statuses from said plurality of order making terminals; and

communicating information regarding order taking with said order making terminals.

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19. A method according to claim 18, wherein in said changing step, the order taking conditions for said date of delivery are changed to order taking conditions which are advantageous to a customer in order to
10 concentrate dates of delivery of said articles.

20. A method according to claim 18, wherein in said communicating step, when the order taking conditions are changed, said changed order taking conditions are
15 transmitted to the order making terminal of a customer who made the order under the order taking conditions obtained before the change.

21. A method according to claim 18, further comprising a step of forming delivery work schedule information for delivering said articles on the basis
20 of said order statuses.

22. An order taking method of receiving orders for
25 articles from a plurality of order making terminals,
comprising:

a storing step of storing order taking conditions

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regarding the orders for the articles;

a communicating step of providing the order taking conditions stored in said storing step to said order making terminals; and

5 a processing step of changing the order taking conditions stored in said storing step in accordance with statuses of the orders received from said plurality of order making terminals in said communicating step,

10 wherein said order taking conditions correspond to dates of allocation of vehicles responsive to the orders for said articles.

15 23. A method according to claim 22, wherein the order for said articles is a delivery of a predetermined article or a request for collection of expendable supplies for recycling which are used for said articles.

20 24. A method according to claim 22, wherein said articles are used items and the order for said articles is a request for collection of said used items for recycling.

25 25. A method according to claim 22, wherein in said processing step, said order taking conditions are changed on the basis of the number of said articles or

expendable supplies which can be carried in a vehicle for delivering the articles or collecting said expendable supplies of said articles for recycling.

5 26. A method according to claim 22, wherein in said processing step, the order taking conditions are formed and/or changed with respect to each of said plurality of terminals.

10 27. A method according to claim 22, further comprising a notifying step of notifying only the order making terminal which ordered the articles before the order taking conditions are changed of said order taking conditions changed in said processing step.

15 28. A method according to claim 25, wherein as said order taking conditions, the number of order taking persons based on a carrying capacity of said vehicle has been predetermined before the start of the order taking, and the order taking is closed in accordance 20 with the order taking conditions.

25 29. A method according to claim 23, wherein said expendable supplies include toner, a toner cartridge, expendable parts, and ink, and said expendable parts include at least a photosensitive drum and a photosensitive unit.

30. An order taking method which is executed by a bidirectional communication with a terminal apparatus through a predetermined communication line, comprising:

a communicating step of transmitting collecting
5 request conditions for allocation dates of vehicles for collecting expendable supplies for recycling which are used for an image forming apparatus to said terminal apparatus; and

a processing step of computing said collecting
10 request conditions in accordance with request information of said expendable supplies which is requested from said terminal apparatus through said predetermined communication line.

15 31. A method according to claim 30, further comprising a storing step of storing area information for managing every area the collecting requests for recycling requested from a plurality of terminal apparatuses, and

20 wherein in said processing step, said collecting request conditions based on said area information stored in said storing step are computed.

25 32. A method according to claim 31, wherein said area information is transmitted from an information processing apparatus which is used by a deliverer for running said vehicles.

33. A method according to claim 30, wherein in said communicating step, the collecting request conditions which are changed in said processing step in accordance with collecting requests for recycling from a plurality of terminal apparatuses are transmitted to said plurality of terminal apparatuses according to area information.

34. A method according to claim 30, wherein said collecting request conditions are privileges for said terminal apparatus.

35. A computer-readable storage medium which stores a program that is executed in an order taking apparatus for receiving orders for articles from a plurality of order making terminals, wherein said program comprises the steps of:

setting order taking conditions for a date of delivery;

20 changing said order taking conditions in accordance with order statuses from said plurality of order making terminals; and

communicating information regarding order taking with said order making terminals.

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36. A computer-readable storage medium which stores a program that is executed in an order taking apparatus

for receiving orders for articles from a plurality of order making terminals, wherein said program comprises:

a storing step of storing order taking conditions regarding the orders for the articles;

5 a communicating step of providing the order taking conditions stored in said storing step to said order making terminals; and

10 a processing step of changing the order taking conditions in accordance with statuses of the orders received from said plurality of order making terminals in said communicating step, and

15 said order taking conditions correspond to allocation dates of vehicles responsive to the orders for said articles.

37. A computer-readable storage medium which stores a program that is executed in an order taking apparatus which can perform a bidirectional communication with a terminal apparatus through a predetermined communication line, wherein said program comprises:

20 a communicating step of transmitting collecting request conditions for allocation dates of vehicles for collecting expendable supplies for recycling which are used for an image forming apparatus to said terminal apparatus; and

25 a processing step of computing said collecting request conditions in accordance with request

information of said expendable supplies which is requested from said terminal apparatus through said predetermined communication line.

5 38. An order taking program that is executed in an order taking apparatus for receiving orders for articles from a plurality of order making terminals, comprising the steps of:

10 setting order taking conditions for a date of delivery;

 changing said order taking conditions in accordance with order statuses from said plurality of order making terminals; and

15 communicating information regarding order taking with said order making terminals.

 39. An order taking program that is executed in an order taking apparatus for receiving orders for articles from a plurality of order making terminals, comprising:

20 a storing step of storing order taking conditions regarding the orders for the articles;

 a communicating step of providing the order taking conditions stored in said storing step to said order making terminals; and

25 a processing step of changing the order taking conditions stored in said storing step in accordance

with statuses of the orders received from said plurality of order making terminals in said communicating step,

wherein said order taking conditions correspond to
5 allocation dates of vehicles responsive to the orders
for said articles.

40. An order taking program that is executed in an
order taking apparatus which receives orders of
10 articles from a plurality of order making terminals,
comprising:

a communicating step of transmitting collecting
request conditions for allocation dates of vehicles for
collecting expendable supplies for recycling which are
15 used for an image forming apparatus to said order
making terminal; and

a processing step of computing said collecting
request conditions in accordance with request
information of said expendable supplies which is
20 requested from said order making terminal through a
predetermined communication line.